

# Northern California Earthquake Hazards Workshop

## February 11-12, 2014, in Menlo Park

Tuesday, February 11, Morning

|                |                                                                                                                                                                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00–9:15 am   | <b>Welcoming Remarks</b> , Tom Brocher (USGS)                                                                                                                                                                                                                                                                          |
| 9:15–10:15 am  | <b>Geologic and Geodetic Slip Rates for the Northern San Andreas</b><br>Speakers Tim Dawson (CGS)<br>Jessica Murray (USGS)<br>Moderator Fred Pollitz (USGS)                                                                                                                                                            |
| 10:15–10:30 am | <b>Break</b>                                                                                                                                                                                                                                                                                                           |
| 10:30–12:00 pm | <b>Earthquake Early Warning: Science, Logistics, and Politics</b><br>Speakers Richard Allen (Berkeley)<br>Sarah Minson (Cal Tech)<br>Doug Given (USGS)<br>Discussion Mike Blanpied (USGS), Doug Given (USGS), Mark Johnson (CALOES), John Parrish (CGS), and Richard Allen (Berkeley)<br>Moderator Brad Aagaard (USGS) |

Afternoon

|              |                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:00–2:00 pm | <b>Paleo-Stratigraphy and 3D Geology of the Sacramento Delta</b><br>Speakers Russ Graymer (USGS)<br>Tom Holzer (USGS)<br>Moderator Jeff Unruh (Lettis)         |
| 2:00–3:40 pm | <b>Break &amp; Poster Session</b>                                                                                                                              |
| 3:40–5:00 pm | <b>Urban Seismic and Geodetic Studies</b><br>Speakers Steve Hartzell (USGS)<br>Rufus Catchings (USGS)<br>Ben Brooks (USGS)<br>Moderator Jack Boatwright (USGS) |

Wednesday, February 12, Morning

8:30–10:25 am

**Panel Discussion: What has been done to strengthen infrastructure and to make the Bay Area more resilient since the Loma Prieta Earthquake?**

Speakers     Tom Shantz (Caltrans)  
                  Janiele Maffei (CEA)  
                  Kent Ferre (PG&E)  
                  Tom Horton (BART)  
                  Dan Wade (SFPUC)  
                  Timothy McGowan (EBMUD)  
Moderator    Peter Ohtaki (CRA)

10:25–10:45 am

**Break**

10:45–12:15 pm

**Panel Discussion: How have Seismology, Geology, and Geodesy advanced in the 25 years since the Loma Prieta Earthquake?**

Speakers     Roland Burgmann (Berkeley)  
                  Chris Wills (CGS)  
                  David Schwartz (USGS)  
                  Brad Aagaard (USGS)  
                  David Oppenheimer (USGS)  
Moderator    William Ellsworth (USGS)

12:15–12:30 pm

**New Directions for Earthquake Hazard Research in Northern California**

Speaker        Jack Boatwright (USGS)